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TCS-80745/65

June 1965

PHOTOGRAPHIC INTERPRETATION REPORT

GRANOV IRBM COMPLEX, USSR LAUNCH AREA NO 3



CIA



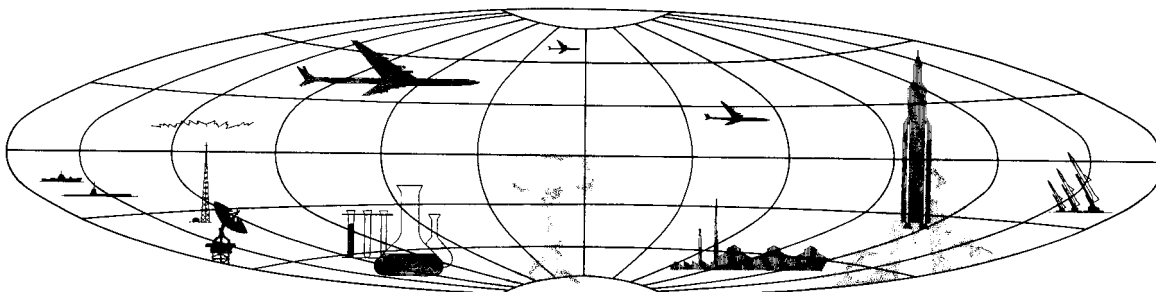
DIA

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GRANOV IRBM COMPLEX, USSR LAUNCH AREA NO 3

Launch Area No 1 (TDI name: Granov IRBM Launch Site 1) -- Type III 48-56-15N 29-30-30E

Launch Area No 2 (TDI name: Granov IRBM Launch Site 2) -- Type IV 48-49-30N 29-29-15E

Launch Area No 3 (TDI name: Kalnik IRBM Launch Site) -- Type IV 48-59-30N 29-22-15E

25X1A

25X1A

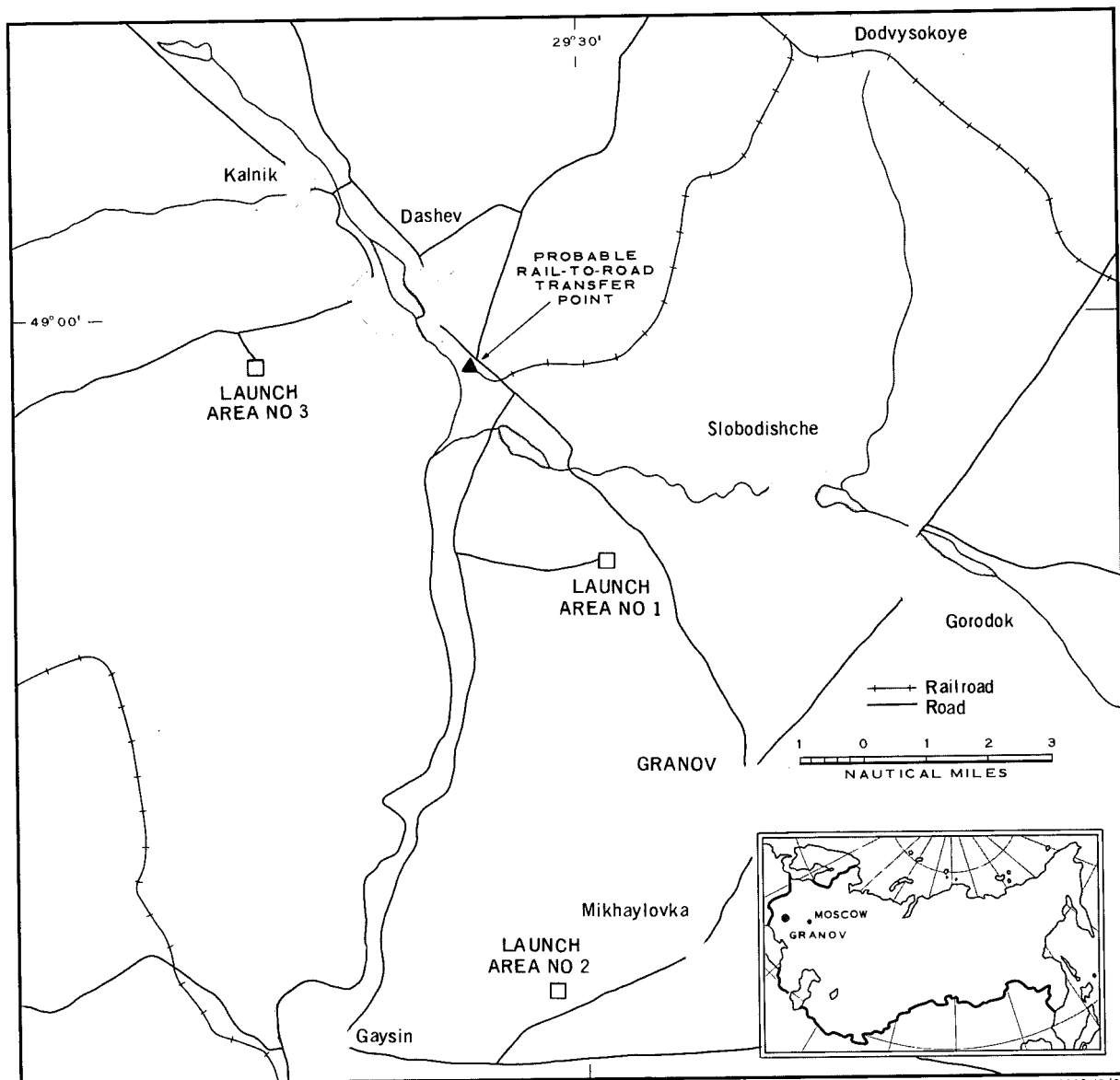


FIGURE 1. GRANOV IRBM COMPLEX, USSR.

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25X1D

This report is based on KEYHOLE photography of [REDACTED] through [REDACTED] which provides sequential observations of Granov IRBMLaunch Area No 3 in various phases of construction and updates NPIC/R-455/64, 1/ which provided a detailed description of the launch site in a midstage of construction.

25X1D

Launch Area No 3 is located in a wooded area just south of a main highway leading east to the town of Dashev, and then southeast to a probable rail-to-road transfer point. Launch Area No 1, a complete Type III launch area, is 6.1 nautical miles (nm) southeast of Launch Area No 3, and the second hard launch area in the complex is 11 nm south-southeast (Figure 1).

25X1D

Launch Area No 3 was first observed in a midstage of construction on [REDACTED]

25X1D

[REDACTED] The control bunker was observed within an excavation in the launch site; however, no excavating had been done for the silos. Approximately 9 buildings were seen in the site support facility, [REDACTED]

25X1D

25X9

25X9

25X9

25X1D

25X1D

25X1D

25X1D

25X9

25X9

25X1D

A photo mission [REDACTED] revealed 2 additional buildings in the site support facility and [REDACTED] photography revealed an additional 2 buildings and excavations for the silos in the launch site.

Winter coverage of [REDACTED]

[REDACTED] showed the launch site still in the midstage of construction, with the control building, 3 silos and their interconnecting conduits nearly complete but not backfilled. Thirteen additional buildings, 2 of which were under construction, were added to the site support facility, for a total of 26. [REDACTED]

25X1D

25X9

25X9

[REDACTED] another building. Later coverage of [REDACTED]

25X1D

[REDACTED] revealed the launch site in a late stage of construction, with only a small portion of the control building not earth covered, and the silos appeared complete. The 2 buildings observed under construction on [REDACTED] had been completed, the igloo and associated building completed but not mounded, and a parking area for vehicles and/or equipment was cleared of trees on the south side of the site support facility.

25X1D

[REDACTED] depicts the launch site as being complete and 1 building is added to the site support facility as seen on [REDACTED]

25X1D

25X1D

25X1D

[REDACTED] shows an addition of 2 buildings to the site support facility and 1 additional building in the [REDACTED]

25X9

The most recent coverage, of [REDACTED]

25X1D

[REDACTED] shows a total of 29 buildings in the site support facility and 5 in the [REDACTED]

25X1D

25X9

[REDACTED] Construction appears to be continuing in the latter facility. [REDACTED]

25X9

25X9

25X9

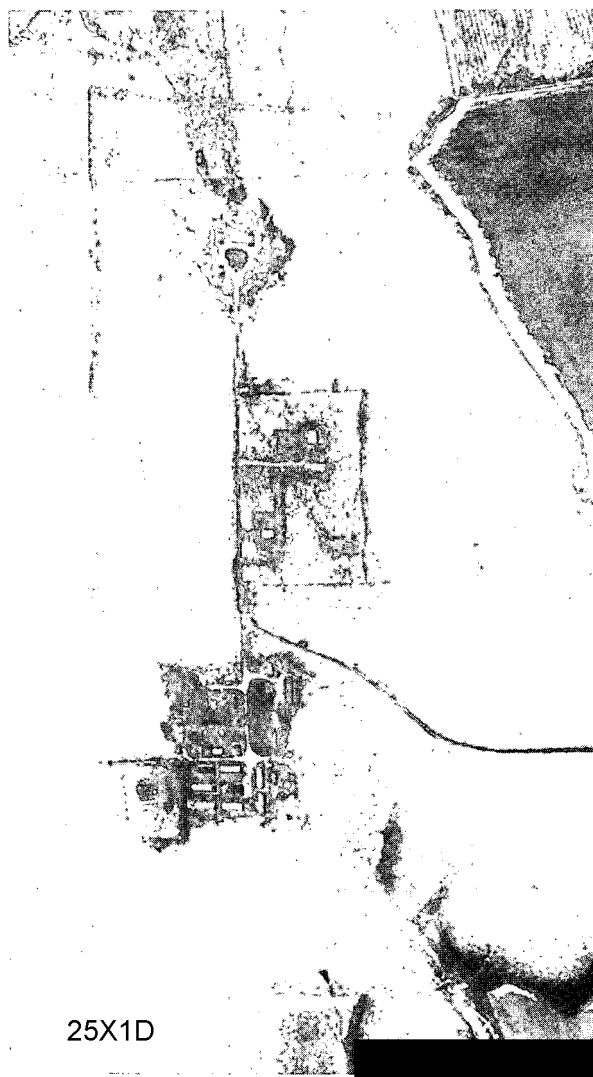
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25X9



25X1D

SITE SUPPORT FACILITY

1 garage	220 x 60
1 barracks-type building	165 x 50
1 L-shaped building	115 x 70
7 barracks-type buildings	145 x 45
1 heating plant	65 x 55
1 barracks-type building	120 x 40
1 probable administration building	65 x 40
3 buildings	45 x 40
1 building	160 x 90
1 building	120 x 45
1 building	115 x 30
1 building	155 x 40
9 miscellaneous buildings	



1 arch-roofed building	145 x 45
1 igloo-type building	80 x 60
3 miscellaneous buildings	

FIGURE 2. LAUNCH AREA NO 3.

NPIC K-1991 (6.65)

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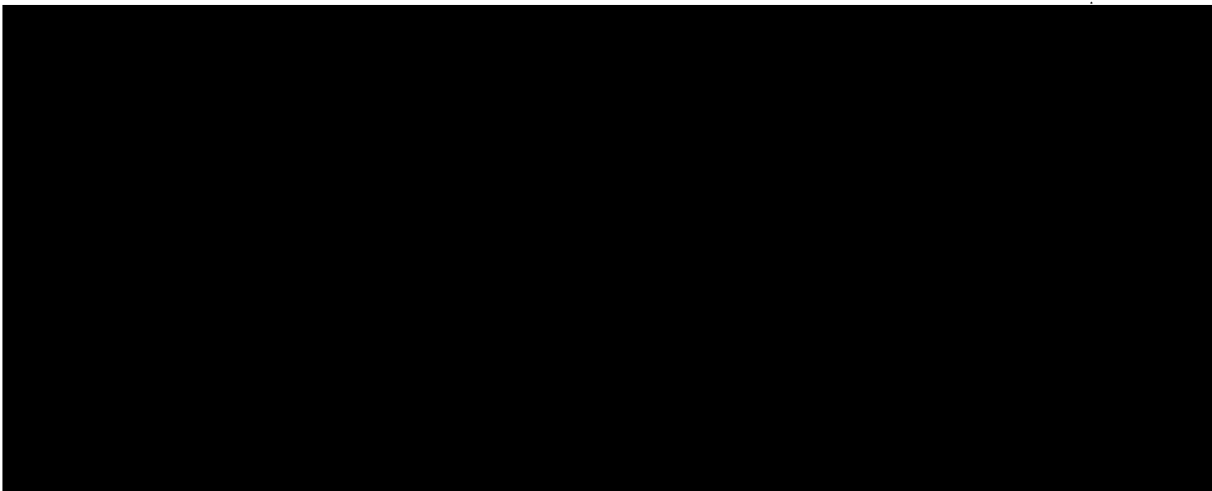
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REFERENCES



MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0233-18HL, 3d ed, Aug 62, scale 1:200,000 (SECRET)

DOCUMENT

1. NPIC. R-455/64, *Granov IRBM Complex, USSR, Launch Area No 3*, Jun 64 (TOP SECRET RUFF)

REQUIREMENT

GMAIC. 29-5

NPIC PROJECT

11269/65

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